

Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)

Approved for use through 10-31-99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



COMPLETE IF KNOWN

Application Number	10/043,006
Filing Date	January 8, 2002
First Named Inventor	DONALDSON
Group Art Unit	3747
Examiner Name	

Sheet	1	of	3	Attorney Docket Number	37000UT0101
-------	---	----	---	------------------------	-------------

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		4,020,814		J.T. Hewitt, et al.	05/03/1977	
		4,207,848		H. Dinger, et al.	06/17/1980	
		4,254,752		J.F. Friddel, et al.	03/10/1981	
		4,367,700		J.L. Pace	01/11/1983	
		4,545,357		W.H. Kearsley, et al.	10/08/1985	
		4,723,527		D. Panten, et al.	02/09/1988	
		4,944,260		P.R. Shea, et al.	07/31/1990	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ₆

Examiner Signature	MOUNTAIN	Date Considered	4-17-04
--------------------	----------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[WJDM\DOCS\ANNETTE\NMSUT-Donaldson-1449p1.PTO.doc] 37000-0101

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

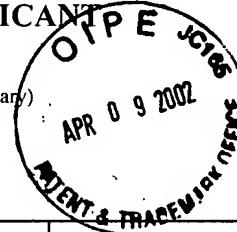
Please type a plus sign (+) inside this box

PTO/SB/08A (10-96)

Approved for use through 10-31-99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/043,066
				Filing Date	January 8, 2002
				First Named Inventor	DONALDSON
				Group Art Unit	3747
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	37000UT0101



U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	<u>U.S. Patent Document</u> Number		Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,951,460			J.K. Prochaska, et al.	08/28/1990	
		5,083,423			J.K. Prochaska, et al.	01/28/1992	
		5,094,198			P.M. Trotta, et al.	03/10/1993	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	<u>Foreign Patent Document</u> Office ³ Number ⁴ Kind Code ⁵ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
Examiner Signature					Date Considered	4-17-04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[WDM\DOCS\ANNETTE\NMSUT-Donaldson-1449p2.PTO.doc] 37000-0101

1. Unique citation designation number.
2. See attached Kinds of U.S. Patent Documents.
3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3).
4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.
6. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

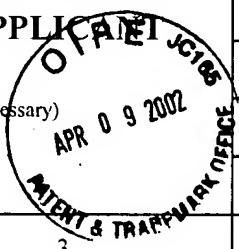
Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no

persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/043,006
(use as many sheets as necessary)		Filing Date	January 8, 2002
		First Named Inventor	DONALDSON
		Group Art Unit	3847
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	37000UT0101



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		BLACK, STEPHEN, et al., "Some Observations on Operation of a Diesel Engine With Ethanol and Ethanol-Water Blends and Combustion Air Preheat," <i>Proc 1998 Tech Meeting Central States Section of the Combustion Inst.</i> , pp 231-236 (1998)	
		DONALDSON, A.B., Final Report for U.S. Army Contract New Mexico State University May 18, 2001	
		GARRETT, K., "Reducing Diesel Exhaust Gas Odour -- an Account of Some Work Done by MAN," <i>S. African Mech. Engineer</i> , Vol. 28, pp 46-47 (February 1978)	
		JOHNSON, R.A., et al., "Diesel-Electric Power in Alaska - The Part-Load Problem, <i>The Northern Engineer</i> , Vol. 18, No. 1, pp 4-7 (Spring 1986)	
		WANTANABE, E., et al., "Throttling of 2-Stroke Cycle Diesel Engines at Part-Load and Idling", <i>Society of Automotive Engineers International Automotive Engineering Congress</i> (1973)	

Examiner Signature	Moham	Date Considered	4-17-04
--------------------	-------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[F:\ANNETTE\NMSUT-Donaldson-1449p3.PTO.doc] 37000-0101

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.